

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Julian S. Crawford, et al	Examiner: --
Serial No.: --	
Filed: Herewith	Group Art Unit: --
For: CONDUCTIVE FILAMENT	
	Docket No.: 033583.00007

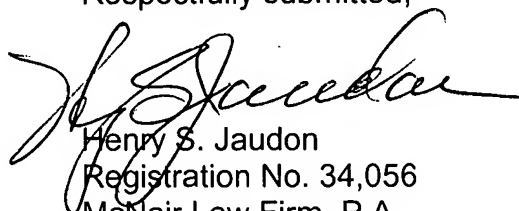
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure set forth in 37 CFR 1.56 and 1.98, the patents listed on the attached Form PTO-1449, and enclosed herewith, are submitted for possible pertinency to the examination of this application.

Respectfully submitted,


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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	--
Filing Date	Herewith
First Named Inventor	Julian S. Crawford
Art Unit	--
Examiner Name	--
Attorney Docket Number	033583.00007

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,099,960	08-08-00	Howard Tennent	
		US- 6,228,492B1	05-08-01	Patrick J. Kinlen	
		US- 6,280,697B1	08-28-01	Otto Z. Zhou	
		US- 2001/0051272A1	12-13-01	Masahiro Toyoda	
		US- 2002/0113335A1	08-22-02	Alex Lobovsky	
		US- 2002/0167784A1	11-14-02	Hiroshi Takatomi	
		US- 2002/0172639A1	11-21-02	Kazunaga Horiuchi	
		US- 2002/0192366A1	12-19-02	Ronald Dean Cramer	
		US- 6,528,572	03-04-03	Kiraj C. Patel	
		US- 2003/0102222A1	06-05-03	Otto Z. Zhou	
		US- 2003/0102444A1	06-05-03	Knut Wilfried	
		US- 2003/0105214A1	06-05-03	Uwe Bayer	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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